

machine to cross direction mat strength [ration] ratio,  
and wherein a basis weight of said mat falls within the range of 68 to 339  
gm/square meters, and wherein the reinforcement fibers are selected from the  
group consisting of polyacrylonitrile or pitch based carbon; glass; para-amid;  
ceramics; metals; high temperature thermoplastics; thermosets; liquid crystal  
polymer fibers; ultra high molecular weight polyethylene and natural or synthetic  
spider web.

37. (Amended Twice) A mat comprising a plurality of discontinuous  
reinforcement fibers having at least a 90% machine direction orientation,  
and wherein a basis weight of said mat falls within the range of 68 to 339  
gm/square meters, and wherein the reinforcement fibers are selected from the  
group consisting of polyacrylonitrile or pitch based carbon; glass; para-amid;  
ceramics; metals; high-temperature thermoplastics; thermosets; liquid crystal  
polymer fibers; ultra high molecular weight polyethylene and natural or synthetic  
spider web.

40. (Amended Twice) A product comprising a plurality of mats, each of  
said mats comprising a plurality of discontinuous reinforcement fibers having at  
least a 90% machine direction orientation,  
and wherein a basis weight of each of said mats falls within the range of 68 to 339  
gm/square meters, and wherein the reinforcement fibers are selected from the  
group consisting of polyacrylonitrile or pitch based carbon; glass; para-amid;  
ceramics; metals; high-temperature thermoplastics; thermosets; liquid crystal  
polymer fibers; ultra high molecular weight polyethylene and natural or synthetic  
spider web.

Please add the following new Claims 43-45:

—43. (New) A mat according to claim 36, wherein the reinforcement fibers  
are glass.